

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/009226

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01J8/00 B01J8/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01J B65G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 313 168 A (SKIP COMPANIE AKTIENGESELLSCHAFT) 24 July 1930 (1930-07-24) the whole document	1-4,7-10
X	WO 00/44488 A (PATUREAUX THIERRY ; TOTAL RAFFINAGE DISTRIBUTION (FR)) 3 August 2000 (2000-08-03) the whole document	1-10
A	US 3 608 751 A (HUNDTOFTE VIRGIL A) 28 September 1971 (1971-09-28) cited in the application the whole document	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *'A' document defining the general state of the art which is not considered to be of particular relevance
- *'E' earlier document but published on or after the international filing date
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- *'P' document published prior to the international filing date but later than the priority date claimed

- *'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *& document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
22 November 2004	29/11/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Vlassis, M

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
GB 313168	A	24-07-1930	NONE			
WO 0044488	A	03-08-2000	FR AT AU DE DE EP WO	2789050 A1 243553 T 3060300 A 60003526 D1 60003526 T2 1152819 A1 0044488 A1		04-08-2000 15-07-2003 18-08-2000 31-07-2003 29-04-2004 14-11-2001 03-08-2000
US 3608751	A	28-09-1971	NONE			